

**HORN**

# FLOOR HARDENERS

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- METALLIC • NON-METALLIC
- ASPHALT • LATEX

PATCHING, RESURFACING AND  
TOPPING COMPOUNDS

## FOR MAINTENANCE AND REPAIR OF CONCRETE OR WOOD FLOORS

### A PRODUCT FOR EVERY NEED

- DURAFAX® NON-METALLIC HARDENER FOR CONCRETE FLOORS
- FERRO-FAX® (WITH HORN-PLAST) METALLIC HARDENER FOR CONCRETE FLOORS
- FEREM — "BLUE TEMPER" TOPPING COMPONENT FOR CONCRETE FLOORS
- SUPER-BONDSIT — CONCRETE TOPPING
- NU-WAY RESURFACER — ASPHALT PATCHING AND RESURFACING COMPOUND
- KWIK-ROC — CONCRETE PATCHING COMPOUND
- CRETE-FIX — HEAVY DUTY FLOOR RESURFACER



#### A. C. HORN COMPANIES

*Subsidiaries and Divisions* SUN CHEMICAL CORPORATION

Plants in Long Island City, Houston, San Francisco, Los Angeles, Toronto  
Sales Offices and Warehouses throughout United States and Canada

**HORN**



# BREAKDOWN

## OF YOUR CONCRETE FLOORS IS COSTLY

Damage to your concrete floors can rob you of production time, reduce work efficiency, create employee accidents or cause damage to merchandise. Preventing needless destruction of concrete floors is essential if you want to keep your annual maintenance costs low. Where your floors have already been damaged, you will want to repair them quickly and economically with materials that will provide maximum durability. Selection of a floor hardener to meet your needs, depends upon the particular destructive forces that must be resisted, the urgency of repair and the maintenance budget.

If you can single out the different kinds of destructive agents in different areas, then you will be in a position to select the right floor hardener to meet the requirements of each area in your plant.

## HORN PRODUCTS SOLVE YOUR PROBLEM

### SUPER-BONDSIT

Super-Bondsit is a White Liquid Latex Emulsion, added to cement floor topping mixtures in the place of most of the mixing water. It offers many low cost advantages, and high quality values.

Super-Bondsit possesses such outstanding adhesive properties that an efficient bond to clean seasoned concrete surfaces is secured **WITHOUT ROUGHENING THE SURFACE**. Super-Bondsit requires only a  $\frac{1}{4}$ " topping for most installations and is self-curing. No finishing delay. Super-Bondsit absorbs heavy impact, does not chip or dust, and provides a slip-resistant surface.

**USE** For topping, resurfacing or patching interior and exterior concrete surfaces.

### CRETE-FIX A

An emulsified asphalt mastic to be mixed with Portland cement, sand and water for patching and resurfacing broken, irregular or badly worn concrete floors and sidewalks.

**USE** Crete-Fix A is excellent for quickly and economically patching or resurfacing floors subject to any amount of traffic. It adheres tightly to the floor supplying resiliency to the concrete so that the patch or topping will not become brittle or lifeless.

Crete-Fix A is not recommended for floors which are constantly wet with water or subject to spillages of oils, grease or blood.

### CRETE-FIX B

An emulsified asphalt primer or bonding coat applied before the application of Crete-Fix A mixture.

**USE** To be used as a prime coat prior to the application of Crete-Fix A.

### KWIK-ROC

A fast drying, long lasting, patching compound for repairing holes and cracks in concrete floors. Kwik-Roc sets to rock-like hardness in approximately 45 minutes, so that plant traffic can be rapidly resumed. It is a grey powder ready to be mixed with water.

**USE** To patch and repair holes and cracks in concrete floors where limited time is a factor.



# FOR NEW FLOORS AND MAJOR RESURFACING JOBS

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THE FOLLOWING HORN FLOOR HARDENERS ARE  
BEST SUITED FOR NEW CONSTRUCTION OR TO  
REPAIR OR RESURFACE AN ENTIRE FLOOR  
AREA THAT HAS BEEN EXTENSIVELY DAMAGED

FOR RESISTANCE TO ABRASIVE WEAR

## DURAFAX

This non-metallic floor hardener is capable of withstanding severe punishment — for example, the dragging and sliding of heavy castings. The abrasive aggregates contained in Durafax tend to cause wear on the castings — rather than to allow the castings to wear out the concrete floor. The same is true of steel truck or dolly wheels. It is far cheaper to replace worn out wheels than to renew worn floors. Durafax, which contains abrasive particles, prevents many accidental falls caused by slippery floors.

FOR "ARMOR-PLATE" IMPACT RESISTANCE

## FERRO-FAX

This metallic floor hardener enables a concrete surface to withstand heavy impact. Loads tend to slide — don't dent — when they are dropped. The iron particles in this hardener oxidize and act as an expanding agent to give the concrete a toughness akin to case-hardened steel. Dusting of concrete is practically eliminated because of the increase in density. This density also minimizes liquid penetration into the concrete.

FOR DIAMOND WEARABILITY

## FEREM

The excellent qualities of both Durafax and Ferro-Fax are combined in this floor hardener. It can take severe pounding and impact. Water and chemical penetration — which set the stage for floor disintegration — are minimized by this tough, resilient floor hardener.





# NU-WAY RESURFACER



A ready-mixed mastic which forms a tough, resilient, shock-absorbing, dustless floor which is slip-resistant and moisture resistant. It bonds perfectly to the properly prepared concrete surface to which it is applied. The material requires no mixing nor the addition of other ingredients.

**USE** For patching and resurfacing worn out and broken concrete floors. It is not recommended for floors subject to spillages of oil, grease, fats, or a floor which is constantly damp or wet.

## HOW TO RESURFACE YOUR FLOORS WITH NU-WAY RESURFACER

### APPLICATION

The surface to be repaired must be free of all grease, oil, dirt or foreign matter. Thin the Nu-Way Primer (supplied with each container of Nu-Way Resurfacer) with water to a brushing consistency. Using a stiff brush, scrub the primer thoroughly into the surface. Allow the primer to dry until it becomes slightly tacky to touch — approximately  $\frac{3}{4}$  of an hour. If the concrete surface is rough or coarse, a second coat of primer must be applied.

### FOR RESURFACING

Set up depth control (screed strips  $\frac{1}{4}$ " to  $\frac{1}{2}$ " high) as desired. Place parallel and from three to five feet apart. (We do not recommend application exceeding  $\frac{1}{2}$ " in thickness for resurfacing floors). The entire contents of the container of the Nu-Way Resurfacer should be emptied into a mixing box and thoroughly mixed with a hoe. Nu-Way Resurfacer is shipped ready for use. However, if the mixture is excessively dry, a very small amount of water may be added to produce a stiff mixture. Work into place with a rake and tamp down filling all voids. Level roughly to about  $\frac{1}{8}$ " above the screed strips. Level off with straight edge. Depressions left after striking off should be filled and striking off with alternate tamping repeated until surface is level. The depth strip should then be moved to the adjoining section next to be laid. The edges of the space which were occupied by the strips are to be broken down at once and the depressions filled with Nu-Way Resurfacer. Then level off, or feather off, whichever the job requires. Wood float to remove all rough spots. Steel trowel if smooth surface is desired. Avoid excessive steel troweling.

## HOW TO PATCH YOUR BROKEN FLOOR WITH HORN KWIK-ROC OR NU-WAY RESURFACER

### APPLICATION

Chisel out the hole or crack to a depth of at least  $\frac{1}{2}$  inch, making sure the edges are cut perpendicular. Sweep free of all loose particles. The surface to be patched must be free of grease, oil, dirt and foreign matter. Wet the bottom and sides of the crack or hole with clean water. Prior to applying the Kwik-Roc, brush out any excess water still remaining. In a metal container mix 8 pounds of Kwik-Roc powder with 1 quart of water (a smaller batch of comparable proportions can also be prepared), add the water slowly and stir thoroughly until the mixture has a uniform consistency. If too much water has been added increase the amount of Kwik-Roc until the proper consistency is obtained. Do not mix more material than can be used within approximately 5 to 10 minutes. When the mixture begins to set, within 5 minutes, the edges of the patched area should be drawn with a trowel or putty knife for a dense tight bond. Do not trowel the surface of the patch. After 30 minutes sprinkle the patch lightly with water to aid the curing process. Normal traffic can be resumed over the patched area approximately 15 minutes after the curing operation.

### CAUTION

Do not mix more material than can be used in 5-10 minutes. Do not trowel the surface of the patch.

### COVERAGE

Varies with the depth and area of the patch.

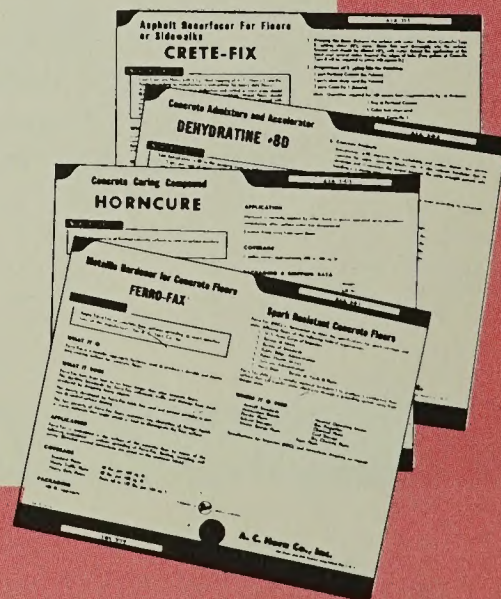
### FOR PATCHING

Holes exceeding 1" in depth shall be filled first with a concrete mixture to within  $\frac{3}{4}$ " to  $\frac{1}{2}$ " of the floor surface. Allow the concrete to harden overnight. Fill the top  $\frac{3}{4}$ " to  $\frac{1}{2}$ " with Nu-Way Resurfacer as specified above, slightly mounding the surface to allow for mass shrinkage. Cover the surface with curing paper or burlap to retard drying. Under normal drying conditions, floor may be open to light traffic in 24 hours, heavy traffic in 48 hours.

### COVERAGE

Estimated quantities: 40 to 45 square feet per 100 pounds of Nu-Way Resurfacer  $\frac{1}{4}$ " thick; 20 to 25 square feet per 100 pounds of Nu-Way Resurfacer  $\frac{1}{2}$ " thick.

IF YOU HAVE A PROBLEM please feel free to call on Horn, and one of our specialists will gladly give you assistance. More details of particular HORN FLOOR HARDENERS are given in A.I.A. specification cards, installation instruction booklets, and other descriptive literature. Write or call your nearest Horn distributor to obtain copies of these A.I.A. cards and supplemental literature for your files.



**A. C. Horn Companies**

Subsidiaries & Divisions

**Sun Chemical Corporation**

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